What is claimed is:

1. A voice message recording/playing method using voice recognition in which if a user's voice command is inputted through a microphone in a voice recognition mode selected by a function selection key, voice is recognized and then a preset command is performed correspondingly to the inputted voice command, the method comprising the steps of:

selecting one of preset modes as the function selection key is pressed;

if a system is in a system-on state in the mode selecting step, sequentially issuing a voice command whenever the function selection key is pressed;

if a record mode is selected in the mode selecting step, recording a user's voice message corresponding to a pre-stored voice command in a data memory according to a guidance message;

if a voice recognition standby mode is selected in the mode selecting step, recognizing the inputted user's voice command to detect a corresponding voice message from the data memory and voice the detected voice message through a speaker; and

if the voice command is not inputted for a predetermined period after the function selection key is pressed, voicing a guidance message and concurrently, converting a current mode into a sleep mode.

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2.   The method according to claim 1, wherein in the mode selecting step, times of pressing the function selection key are detected to determine a mode selection.

5   3.   The method according to claim 1, wherein the mode selecting step comprises the step of if the function selection key is pressed, voicing a mode-change guidance message and voicing a selected-mode guidance message.

10   4.   The method according to claim 1, wherein the recording step comprises:

a first step of if the message key is pressed for record in a record standby mode, recording a voice message according to a record guidance message;

15   a second step of if a length and a sound amount of the inputted voice message is not within a predetermined range, voicing a guidance message requesting a user to again input; and

a third step of if the length and the sound amount of

20   the inputted voice message is within the predetermined range, storing the voice message in the data memory.

5.   The method according to claim 4, wherein the first step further comprises the step of lighting a LED display

25   unit to display a period for which the user inputs the voice message for record.

6.   The method according to claim 4, wherein the voice message recording step comprises the step of executing a message record mode or a recorded-message play mode depending on a period for which the message key is pressed.

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7.   The method according to claim 1, wherein the voice recognizing/voicing step comprises:

a first step of recognizing the user's voice command in the voice recognition standby mode to detect and voice a

10   corresponding voice message from the data memory, and returning to the voice recognition standby mode;

a second step of if a length and a sound amount of the voice command is not within a recognition range as a result of user's voice recognition, voicing a guidance message for

15   the recognition result and then returning to the voice recognition standby mode; and

a third step of if the voice command is not a pre-stored command as a result of the user's voice recognition, voicing a corresponding guidance message and then returning to the

20   voice recognition standby mode.

8.   The method according to claim 7, wherein the first step further comprises the step of lighting the LED display unit to display a period for which the user inputs the voice

25   command, for the voice recognition.

9.   The method according to claim 7, further comprising the step of if the message key is pressed in the voice

recognition standby mode, voicing the voice message stored in the data memory.

10. The method according to claim 7, further comprising the step of if the voice command is not inputted for a predetermined period in the voice recognition standby mode, voicing a guidance message for conversion into a sleep mode and then converting the voice recognition standby mode into the sleep mode.

11. The method according to claim 7, further comprising the step of if a voice command of conversion into the sleep mode is inputted in the voice recognition standby mode, voicing a corresponding voice message and then converting the voice recognition standby mode into the sleep mode.

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